

FQ5-561

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ABSTRACT

5 A PPP termination device allowing PPP termination at a  
location where a decreased number of subscriber's signals  
are multiplexed is disclosed. The PPP termination is performed  
in an access gateway including a switch in the access network  
system. The access gateway includes a first interface to a DSLAM,  
a second interface to a backbone network, and a header processor  
for converting between a network-layer packet and a PPP data  
packet including the network-layer packet. The switch switches  
10 a connection among the first interface, the second interface,  
the PPP link controller, and the header processor, depending  
on which one of a PPP data packet and a link control packet is  
inputted. The link control packet is used for link  
establishment and disconnection.

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